CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

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STATE MA FIELD OFFICE	All DATE 7/30/02
PRACTICE: 344 Residue Management	NOTES:
Seasonal	
RESOURCE: SOIL	
RESOURCE CONCERN: EROSION	
RESOURCE INDICATORS	PHYSICAL EFFECTS
SHEET AND RILL	significant reduction in sheet and rill erosion
WIND	significant reduction in wind erosion
EPHEMERAL GULLY	slight reduction in ephemeral gully erosion
CLASSIC GULLY	insignificant
STREAMBANK	insignificant
IRRIGATION INDUCED	significant reduction in irrigation induced erosio
SOIL MASS MOVEMENT	insignificant
ROADBANK/CONSTRUCTION	N/A
OTHER RESOURCE CONCERN: SOIL CONDITION	ı
SOIL TILTH	moderate improvement in tilth
SOIL COMPACTION	moderate reduction in soil compaction
SOIL CONTAMINATION	indicate and
SALTS OPCANICS	insignificant
ORGANICS FERTILIZERS	insignificant insignificant
PESTICIDES	insignificant
• OTHER	mogmiteant
DEPOSITION/DAMAGE	
• ONSITE	moderate reduction/onsite deposition damage
OFFSITE	moderate decrease/offsite deposition damage
DEPOSITION/SAFETY	
• ONSITE	moderately improve onsite safety/deposition
OFFSITE	moderately improve offsite safety hazard/depos.
OTHER	
RESOURCE: WATER	
RESOURCE CONCERN: WATER QUANTIT	ГҮ
SEEPS	insignificant
RUNOFF/FLOODING	slight decrease in runoff/flooding
EXCESS SUBSURFACE WATER	insignificant
INADEQUATE OUTLETS	slight improvement in H20 outlet concern
WATER MGT. IRRIGATION	aliabé incompany and in invitadia a a CC air a a
• SURFACE	slight improvement in irrigation efficiency
SPRINKLER WATER MCT, NON IRRIGATED	significant improvement in irrigation efficiency moderate improvement in moisture use
WATER MGT. NON-IRRIGATED RESTRICTED FLOW CAPACITY (H20 convey.)	moderate improvement in moisture use
ONSITE	moderate improvement in onsite drainage
ORSITE OFFSITE	moderate improvement in offsite drainage
RESTRICTED STORAGE	moderate improvement in orisite dramage moderate reduction in sedimentation of H20 stroage
OTHER	mounted reduction in seamenment of 1120 stronge
OTTLK	

RESOURCE: WATER	OHALITY
RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	N/A
NUTRIENTS AND ORGANICS	N/A
• SALINITY	N/A
HEAVY METALS	N/A
• PATHOGENS	N/A
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	N/A
NUTRIENTS AND ORGANICS	N/A
SUSPENDED SEDIMENTS	N/A
LOW DISSOLVED OXYGEN	N/A
• SALINITY	N/A
HEAVY METALS	N/A
WATER TEMPERATURE	N/A
• PATHOGENS	N/A
AQUATIC HABITAT SUITABILITY	N/A
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALI	TY
AIRBORNE SEDIMENT AND SMOKE	
PARTICLES	
ONSITE SAFETY	N/A
OFFSITE SAFETY	N/A
ONSITE STRUCT. PROBLEMS	N/A
OFFSITE STRUCT. PROBLEMS	N/A
ONSITE HEALTH	N/A
OFFSITE HEALTH	N/A
AIRBORNE SEDIMENT CAUSING	N/A
CONVEYANCE PROBLEMS	
AIRBORNE CHEMICAL DRIFT	N/A
AIRBORNE ODORS	N/A
FUNGI, MOLDS, AND POLLEN	N/A
OTHER	
RESOURCE CONCERN: AIR CONDI	TION
AIR TEMPERATURE	N/A
AIR MOVEMENT (windbreak effect)	N/A
HUMIDITY	N/A
OTHER	

RESOURCE: PLANT	V
RESOURCE CONCERN: SUITABILIT	
RESOURCE INDICATORS	PHYSICAL EFFECTS
SITE ADAPTATION	N/A
PLANT USE	N/A
OTHER	
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	N/A
HEALTH, VIGOR, SURVIVAL	N/A
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
ESTAB., GROWTH, HARVEST	N/A
NUTRIENT MANAGEMENT	N/A
PESTS	N/A
THREAT/ENDANGERED PLANTS	N/A
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	N/A
COVER/SHELTER	N/A
WATER (QUANTITY & QUALITY)	N/A
OTHER	
RESOURCE CONCERN: MANAGEME	ENT
POPULATION BALANCE	N/A
THREAT/ENDANGERED ANIMALS	N/A
HEALTH	N/A
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMIC	
PLAN / COST EFFECTIVENESS	N/A
CLIENT FINANCIAL CONDITION	N/A
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	N/A
AVAILABLE EQUIPMENT	N/A

RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CO	NSIDERATIONS
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	N/A
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL	CONSIDERATIONS
ABSENCE/PRESENCE OF CULTURAL	N/A
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
	N/A N/A
RESOURCES SIGNIFICANCE OF CULTURAL	
RESOURCES SIGNIFICANCE OF CULTURAL RESOURCES MITIGATION OF NEGATIVE	N/A
RESOURCES SIGNIFICANCE OF CULTURAL RESOURCES MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
RESOURCES SIGNIFICANCE OF CULTURAL RESOURCES MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A